

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace paragraph 0001 with the following rewritten paragraph:

[0001] This application is related to Application Serial No. 10/687,547 filed October 16, 2003 and entitled "Optical Amplifier Module Housed in a Universal Cable Joint For An Undersea Optical Transmission System", and Appl. Serial No. 10/800,424, filed March 12, 2004, [Red Sky docket No. 28], and entitled "Thermal Management of an Optical Amplifier Module Housed In A Universal Cable Joint".

Please replace paragraph 0025 with the following rewritten paragraph:

[0025] Recently, ultra-small form factor optical repeaters for undersea use have been developed which have dimensions that are substantially smaller than that of conventional undersea optical repeaters. One example of such a repeater is disclosed in co-pending U.S. Appl. Serial Nos. 10/687,547 and 10/800,424 [Red Sky Docket No. 28], which are hereby incorporated by reference in their entirety. One example of the repeater shown in these references has dimensions of only about 7.5 cm x 15 cm.

Please replace paragraph 0034 with the following rewritten paragraph:

[0034] In one embodiment of the invention the internal electrical and optical components of the repeaters are located in an optical amplifier module 400 of the type depicted in FIGS. 4-7 and which is disclosed in the aforementioned copending U.S. Appl. Serial Nos. 10/687,547 and 10/800,424 [Red Sky Docket Nos. 28]. Optical amplifier module 400 is designed to fit within a pressure vessel that typically serves as a universal cable joint for jointing fiber optical cables for use in undersea optical telecommunications systems. The optical amplifier module 400 depicted in the figures can support 4 erbium-doped fiber amplifiers (EDFAs), physically grouped as a dual amplifier unit for each of two fiber pairs. Of course, the present invention encompasses optical amplifier modules that can support any number EDFAs.

Approved